

## ABSTRACT OF THE DISCLOSURE

A flat antenna architecture for use in radio frequency monitoring systems including a patch antenna configured for use on a conductive surface of an object to be monitored. The patch antenna includes a conductive patch formed on a first surface of a dielectric base and an opposing surface on the dielectric base configured for attachment to the reflective surface of an object. This provides a patch antenna of relatively thin makeup having a lower cost and lower overall thickness and corresponding lower weight.

420614\_1.DOC